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- (71) Applicants and
- (72) Inventors: NAMITA, Surolina [IN/IN]; Indian Institute of Science, E-34, New Housing Colony, Bangalore 560 012 (IN). DHARMARAJAN, Kamalapriya [IN/IN]; MR. T.R. Dharmarajan, "Sri Venkateshwara Krupa", NO.1883/29, 20th Main, 20th Cross, Vijaynagar, Bangalore 560 040, Karnataka (IN). NAGARAJA, Thirumalapura, Ramadhani [IN/IN]; T.S. Rajanna, 576, 16th Cross, 6th Phase, J.P. Nagar, Bangalore 560 078, Karnataka (IN).
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(54) Title: USE OF HYDROXYDIPHENYL ETHER CLASS OF CHEMICALS, AS EXEMPLIFIED BY TRICLOSAN, AS AN ANTIMALARIAL AND IDENTIFICATION OF FATTY ACID SYNTHESIS AS ITS TARGET

(57) Abstract: We report the use of hydroxydiphenyl ether class of chemicals, as exemplified by triclosan, (2,4,4'-trichloro-2'-hydroxydiphenyl ether), for both treatment and design of therapeutics for treatment of malaria. More specifically, the present invention relates to identification of fatty acid synthesis as target for this compound as well as a key enzyme involved in synthesizing them.